

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (Currently Amended) An electrolyte, comprising:
an electrolytic solution containing at least one selected from the group consisting of
vinylethylene carbonate and its derivatives in the range of 0.05 wt % to 5 wt % in total; and
a polymer,
wherein,
said polymer is gelatinized with said electrolytic solution, and said electrolytic solution is
diffused or held within said polymer,
said electrolytic solution contains 95 wt % or more of a combination of ethylene
carbonate and propylene carbonate, and
~~said electrolytic solution contains a lithium salt that contains at least one selected from
the group consisting of LiN(C₂F₅SO₂)₂, LiC(CF₃SO₂)₃, LiAlCl₄ and LiSiF₆~~
said polymer contains any one from the group consisting of polyvinylidene fluoride,
polyethylene oxide, polypropylene oxide, poly acrylic nitrile, and poly methacrylic nitrile as a
monomer unit.

2. (Previously Presented) An electrolyte according to claim 1, wherein a mass ratio
of ethylene carbonate to propylene carbonate ranges from about 15/85 to about 75/25.

3. – 7. (Cancelled)

8. (Currently Amended) A battery comprising:
a cathode;
an anode; and
an electrolyte,
wherein,
the electrolyte contains an electrolytic solution containing at least one from the group
consisting of vinylethylene carbonate and its derivatives in the range of 0.05 wt % to 5 wt % in
total, and a polymer,

said polymer is gelatinized with said electrolytic solution, and said electrolytic solution is diffused or held within said polymer,

said electrolytic solution contains 95 wt % or more of a combination of ethylene carbonate and propylene carbonate, and

~~said electrolytic solution contains a lithium salt that contains at least one selected from the group consisting of $\text{LiN}(\text{C}_2\text{F}_5\text{SO}_2)_2$, $\text{LiC}(\text{CF}_3\text{SO}_2)_2$, LiAlCl_4 and LiSiF_6~~

said polymer contains any one from the group consisting of polyvinylidene fluoride, polyethylene oxide, polypropylene oxide, poly acrylic nitrile, and poly methacrylic nitrile as a monomer unit.

9. (Previously Presented) A battery according to claim 8, wherein the electrolytic solution contains ethylene carbonate and propylene carbonate with a mass ratio of ethylene carbonate to propylene carbonate ranging from about 15/85 to about 75/25.

10. – 14. (Cancelled)